

**AMENDMENTS TO THE SPECIFICATION**

Please replace the paragraph on page 2 beginning line 15 with the following amended paragraph:

--Heat generation during the application of the RF is higher near the skin surface. In order to make heating uniform within the skin, the surface is preferably cooled during treatment. The surface may be cooled by applying a cooled substance such as ice or ethanol to the skin or by using a thermoelectric cooler. The skin is preferably hydrated in order to enhance the penetration of the cooling into the deep layers of the skin, as is known in the art. When the skin is externally cooled at the surface, the RF energy can heat the target to a depth of up to a few millimeters.--